

Form PTO-1449

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60772-PCT-USSerial No.  
09/768,872INFORMATION DISCLOSURE CITATION  
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Rina Aharoni, et al.Filing Date  
January 23, 2001Group Art Unit  
1644

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
R	US 5 5 5 4 3 7 2	9/10/96	Hunter et al.			
	US 5 6 2 3 0 5 2	4/22/97	McLean et al.			
	US 5 7 3 4 0 2 3	3/31/98	Bishwajit et al.			
	US 5 8 8 6 1 5 6	3/23/99	McLean et al.			
	US 09 4 8 7 7 9 3	1/20/00				
	US 09 6 2 0 2 1 6	7/20/02				
	US 09 7 6 5 3 0 1					
	US 09 7 6 5 6 4 4					

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation
					Yes No
NZ 2 5 4 9 9 6	8/28/96	New Zealand			
WO 9 2 0 2 5 4 3	2/20/92	Europe			
WO 9 4 0 3 4 8 4	2/17/94	US			
WO 9 4 2 6 7 7 4	11/24/94	US			
WO 9 5 2 6 9 8 0	10/12/95	US			
WO 9 5 3 1 9 9 7	11/30/95	US			
WO 0 1 5 2 8 7 8	7/26/01	US			
WO 0 1 9 3 8 9 3	12/3/01	US			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

R	Fridkis-Hareli et al., "Synthetic Peptides that Inhibit Binding of the Collagen Type II 261-273 Epitope to Rheumatoid Arthritis-Associated HLA-DR1 and DR4 Molecules and Collagen-Specific T-cell Responses", Database HCAPLUS on STN, Department of Clinical Immunology, Aarhus University Hospital, Aarhus, Denmark, HCAPLUS AN: 2000:455053, Human Immunology, 2000, 61(7): 640-650 (Abstract)
	Henry, Celia M., "Special Delivery", Chem. and Eng. News, Sept. 18, 2000, 49-54
	Cazzato, et al., "Treatment of Multiple Sclerosis. The Present and the Future. Study Group on Diagnosis and Therapy of Multiple Sclerosis", Database Medline on STN, Instituto do Clinica Neurologica, University of Trieste, Trieste, Italy: Medline AN: 2000060325, Recent Progressi in Medicina, October 1999, 90(10): 538-544 (Abstract)

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DATE CONSIDERED

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Cohen, "Fundamental Immunology", Systemic Autoimmunity, 4<sup>th</sup> Ed., 1999, 1083Fridkis-Hareli et al., "Binding of random copolymers of three amino acids to class II MHC molecules", Intl. Immunol., 1999, 11(5): 635-641Kepsutlu et al., "Evaluation of Chitosan Used as an Excipient in Tablet Formulations", Database HCAPLUS on STN, Department of Pharmaceutical Technology, Gulhane Military Medical Academy, Ankara, 06018, Turkey, HCAPLUS AN: 1999: 590411, Acta. Pol. Pharm. 1999, 56(3): 227-235 (Abstract)Prat, et al., "Lymphocyte Migration and Multiple Sclerosis: Relation with Disease Course and Therapy," Ann. Neurol., 1999, 46: 253-256Fridkis-Hareli, et al., "Synthetic Amino Acid Copolymers that Bind to HLA-DR Proteins and Inhibit Type II Collagen-reactive T Cell Clones", Proc. Natl. Acad. Sci., October 1998, 95: 12528-12531Li et al., "Glatiramer acetate blocks the activation of THP-1 cells by interferon- $\gamma$ ", Eur. J. Pharmacol., 1998, 342: 303-310Zisman et al., "Dichotomy between the T and the B cell epitopes of the synthetic polypeptide (T,G)-A--L", Eur. J. Immunol., 1994, 24(10): 2497-2505 (Abstract)Deeb et al., "Comparision of Freund's and Ribi adjuvants for inducing antibodies to the synthetic antigen (TG)-AL in rabbits", J. Immunol. Methods, 1992, 152(1): 105-113 (Abstract)Zisman et al., "Direct binding of a synthetic multichain polypeptide to Class II Major Histocompatibility Complex molecules on Antigen-Presenting Cells and stimulation of a specific T-cell line require processing of the polypeptide", Proc. Natl. Acad. Sci. USA, 1991, 88(21): 9732-9742 (Abstract)Matsunaga et al., "Complementation of Class II A alleles in the immune response to (Glu-Lys-Tyr) polymers", Yokohama Med. Bull., 1988, 39(1-2): 9-19 (Abstract)De Kruyff et al., "Analysis of T Cell Responses to Poly-L (GluLys) at the Clonal Level. I. Presence of Responsive Clones in Nonresponder Mice", Eur. J. Immunol., 1987, 17 (8): 1115-1120 (Abstract)Lai et al., "Complementation of Class II A alleles in the immune response to (GluLysTyr) polymers", Exp. Clin. Immunogenet., 1986, 3(1): 38-48 (Abstract)Lai et al., "Monoclonal T cell responses to two epitopes on a single immunogen controlled by two distinct genes", J. Immunol., 1986, 136(10): 3799-3804 (Abstract)Trannoy et al., "Epitope-specific regulation of the T cell repertoire: carrier recognition in association with I-E or I-A does not influence the restriction of hapten-specific T cells", Eur. J. Immunol., 1985, 15(12): 1215-1221 (Abstract)Falo et al., "Analysis of antigen presentation by metabolically inactive accessory cells and their isolated membranes", Proc. Natl. Acad. Sci. USA, 1985, 82 (19): 6647-6651 (Abstract)

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DATE CONSIDERED

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

- Babu et al., "Ir gene control of T and B Cell Responses to Determinants in (Glu Lys Ala) Terpolymer", J. Immunogenet., 1984, 11(3-4): 251-254
- Babu et al., "Reevaluation of response patterns of nonresponder mice to GLPhe polymers", Immunogen., 1983, 18(1): 97-100 (Abstract)
- Herzenberg et al., "Lack of immune response gene control for induction of epitope-specific suppression by TGAL antigen", Nature, 1982, 295: 329-331 (Abstract)
- Baxevanis et al., "Genetic Control of T-Cell Proliferative Responses to Poly (Glu<sup>60</sup>Ala<sup>60</sup>) and Poly (Glu<sup>51</sup>Lys<sup>3</sup>Tyr<sup>15</sup>): Subregion-Specific Inhibition of the Responses with Monoclonal Ia Antibodies", Immunogenetics, 1980, 11: 617-628
- Maurer et al., "Interpretations of immune responses of mice to poly(Glu60Lys40), its modified derivatives, and the terpolymers poly (Glu55Lys37Leu8) and poly (Glu56Lys37Ser7)", Clin. Immunol. Immunopathol., 1980, 15(3): 344-356 (Abstract)
- Ju et al., "Idiotypic analysis of antibodies against the terpolymer L-glutamic acid 60-L-alanine30-L-tyrosine10 (GAT). IV. Induction of CGAT idiotype following immunization with various synthetic polymers containing glutamic acid and tyrosine", Eur. J. Immunol., 1979, 9(7): 553-560 (Abstract)
- Schwartz et al., "Gene complementation in the T lymphocyte proliferative response to poly (Glu57Lys38Tyr5): Evidence for effects of polymer handling and gene dosage", J. Immunol., 1979, 123(1): 272-278 (Abstract)

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DATE CONSIDERED

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